



MAR 17 2004

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PATENT AND TRADEMARK OFFICE

UNITED STATES PATENT AND TRADEMARK OFFICE

Page 1 of 2

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/657,719	09/08/2003	Peter Cumming	S1022.81090US00

**CONFIRMATION NO. 1597**

23628  
WOLF GREENFIELD & SACKS, PC  
FEDERAL RESERVE PLAZA  
600 ATLANTIC AVENUE  
BOSTON, MA 02210-2211

**FORMALITIES LETTER**

\*OC000000011040461\*

Date Mailed: 10/15/2003

**NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION*****Filing Date Granted***

An application number and filing date have been accorded to this reissue application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- Consent of assignee is missing. 37 CFR 1.172 requires that a reissue oath/declaration be accompanied by the written consent of all assignees.
- Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.172 requires that all assignees consenting to the reissue application establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b).

**Items Required To Avoid Processing Delays:**

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- Additional claim fees of **\$372** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$1272** for a Large Entity

- **\$770** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$372**
  - **\$36** for **2** total claims over the higher of 20, or the amount in the original patent .
  - **\$336** for **4** independent claims over the original patent .

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

*Nathaniel R. Hawley*

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Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 1 - ATTORNEY/APPLICANT COPY



Attorney's Docket No: S1022.81090US00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Peter Cumming and Richard Grisenthwaite  
Serial No.: 10/657,719  
Filing Date: September 8, 2003  
For: APPARATUS AND METHOD FOR ACCESSING A BRANCH TARGET  
BUFFER  
  
Examiner: Unassigned  
Art Unit: 2183 Confirmation No.: 1597

Mail Stop Missing Parts  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following documents:

- Copy of Notice to File Missing Parts
- Letter Requesting Retention of Patent Application
- Petition For A Three Month Extension of Time

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (617)720-3500, Boston, Massachusetts.

A check in the amount of \$1,080.00 is enclosed to cover \$130.00 for the retention fee and \$950.00 for the three month extension of time fee. Please credit any overpayment or charge any deficiency in the enclosed fee to the account of the undersigned, Deposit Account No. 23/2825. A duplicate copy of this sheet is enclosed.

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 15, 2004.

Attorney Docket No.: S1022.81090US00  
X03/15/04

Respectfully submitted,

*Cumming et al., Applicants*

By:   
James H. Morris  
Reg. No.: 34,681  
WOLF, GREENFIELD & SACKS, P.C.  
600 Atlantic Avenue  
Boston, Massachusetts 02210  
Tel. (617) 720-3500



Attorney's Docket No: S1022.81090US00

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Applicants: Peter Cumming and Richard Grisenthwaite  
Serial No.: 10/657,719  
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Examiner: Unassigned  
Art Unit: 2183 Confirmation No.: 1597

Mail Stop Missing Parts  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**LETTER REQUESTING RETENTION OF THE APPLICATION**

In response to the Notice to File Missing Parts mailed October 15, 2003, Applicants submit the processing and retention fee of \$130.00 pursuant to 37 CFR §1.21(1). Please retain the file and maintain this application in the records of the Patent and Trademark Office. By submitting this processing and retention fee, Applicants intend to preserve their rights to claim the benefit of the filing date of the above-identified U.S. patent application pursuant to 35 U.S.C. §120 and 37 CFR §1.78(a)(1)(iv).

Please credit any overpayment or charge any deficiency in the enclosed fees to Deposit Account No. 23/2825.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this document is being placed in the United States mail with first-class postage attached, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 15, 2004.

Attorney Docket No.: S1022.81090US00  
X03/15/04

03/18/2004 WABRHAM1 00000021 10657719

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130.00 DP

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